

## ABSTRACT OF THE DISCLOSURE

An auto ID reader and one or two radio frequency transceivers are supported on a common support having a predetermined form factor, such as that of a scan engine module commonly utilized in hand-held bar code symbol scanners. Common digital processing circuitry is used for processing the signal from the auto ID sensor and an RF transceiver baseband signal, making a highly integrated and compact arrangement. A single Fast Fourier Transform circuit is utilized for each transceiver.

10

09939861-082701